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NPIC/R-1092/64

February 1964

PHOTOGRAPHIC INTERPRETATION REPORT

25X1A

IPIR

MISSION 3831

7 FEBRUARY 1964

DECLASS REVIEW BY NIMA / DoD

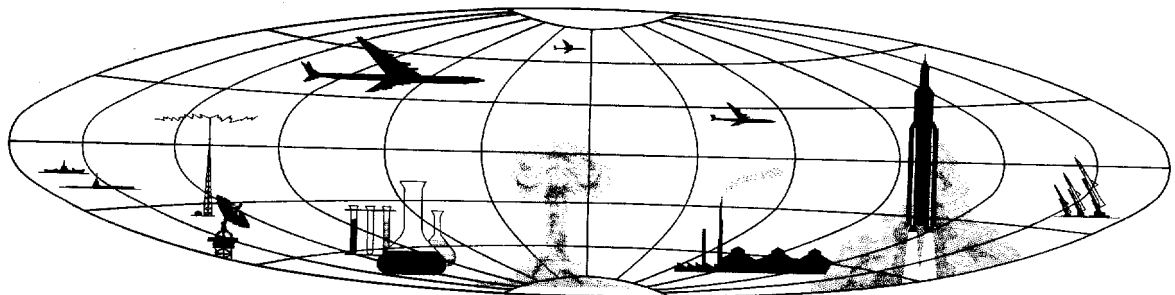


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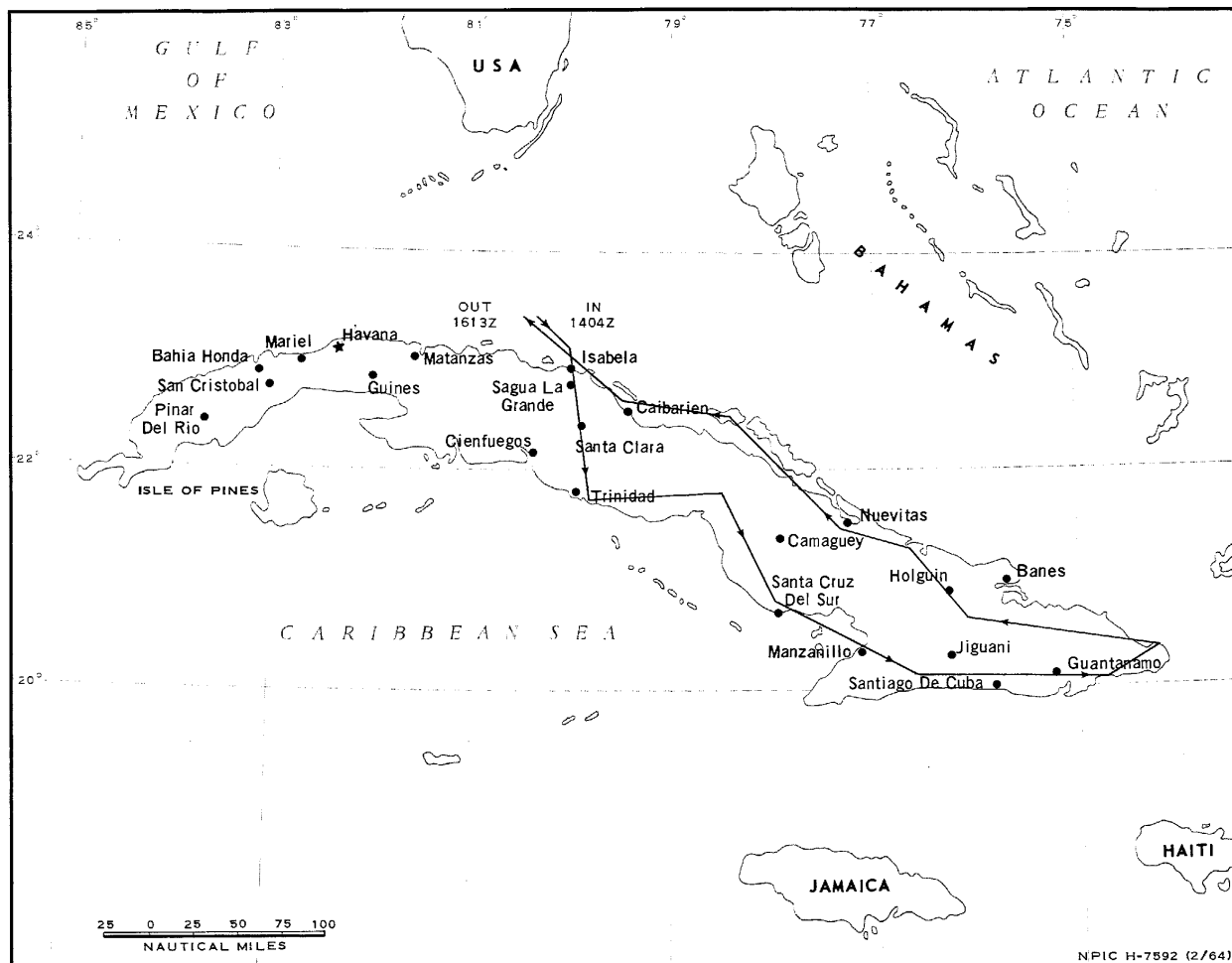
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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM [REDACTED] MISSION 3831, DATED 7 FEB 1964. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), SC (SCATTERED CLOUDS), HC (HEAVY CLOUDS), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

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APPROXIMATE TRACK OF [REDACTED] MISSION 3831, 7 FEBRUARY 1964

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25X1A FOR ITEMS OF SPECIAL INTEREST SEE ---  
25X1A ATTACHMENT 1 -- NUEVITAS SAM SITE 2  
25X1A ATTACHMENT 2 -- MANZANILLO MILITARY CAMP  
25X1A ATTACHMENT 3 -- HOLGUIN MILITARY CAMP

MISSILES

25X1A

SAGUA LA GRANDE SAM SITE 2251N 08005W

SIX REVETTED LAUNCHERS, ONE CANVAS-COVERED HOLD AREA,  
ONE CANVAS-COVERED VEHICLE PARKING AREA, A GUIDANCE  
REVTMENT WITH RADAR, AT LEAST 3 VANS AND CANVAS-  
COVERED EQUIPMENT OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

CAIBARIEN SAM SITE 2228N 07929W

SIX UNRETTED LAUNCHERS (2 CANVAS-COVERED), 2 MISSILE  
TRANSPORTERS (ONE ADJACENT TO A LAUNCHER AND ONE  
CANVAS-COVERED), ONE CANVAS-COVERED HOLD AREA, ONE  
CANVAS-COVERED VEHICLE PARKING AREA, 3 VAN TRAILERS,  
AND AN OCCUPIED GUIDANCE AREA OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

SANTIAGO DE CUBA SAM SITE 1959N 07550W

SIX UNRETTED LAUNCHERS, 7 CANVAS-COVERED MISSILE  
TRANSPORTERS, 3 VAN TRAILERS, ONE CARGO TRUCK,  
3 UNIDENTIFIED VEHICLES, AND AN OCCUPIED GUIDANCE  
AREA OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA SAM ASSEMBLY AREA 2003N 07553W

NO APPARENT CHANGE IN FACILITIES.  
THIRTY-TWO MISSILE TRANSPORTERS (25 CANVAS-COVERED),  
3 UNCOVERED MISSILES ON DOLLIES, 16 TRACTOR TRAILER  
TRUCKS, 12 PROBABLE TRACKED PRIME MOVERS, 2 TRUCK-

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MOUNTED CRANES, AT LEAST 30 CARGO TRUCKS, 3 PROBABLE VAN TRUCKS, 4 UTILITY TRUCKS, 8 UNIDENTIFIED VEHICLES, NUMEROUS UNIDENTIFIED PIECES OF EQUIPMENT, AND NUMEROUS MISSILE CANISTERS OBSERVED.

- 25X1D



25X1A

- MALDONADO SAM SITE 2012N 07528W



SIX REVETTED LAUNCHERS, 2 MISSILE TRANSPORTERS, 13 POSSIBLE CANVAS-COVERED TRACKED PRIME MOVERS, A CANVAS-COVERED HOLD AREA, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1D



25X1A

HOLGUIN SAM SITE 2052N 07627W



SIX UNRETTED LAUNCHERS (5 CANVAS-COVERED), 6 MISSILE TRANSPORTERS (3 CANVAS-COVERED), 13 TRACKED PRIME MOVERS, 4 CARGO TRUCKS, 3 PROBABLE TRUCK TRACTORS, ONE TRUCK-MOUNTED CRANE, 4 POSSIBLE AAA PIECES, AND AN OCCUPIED GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. NO APPARENT CHANGE IN FACILITIES.

25X1D



25X1A

SANTA CLARA SAM SITE 2229N 08000W



SIX UNRETTED CANVAS-COVERED LAUNCHERS, ONE CANVAS-COVERED MISSILE TRANSPORTER (INSIDE RING ROAD), 2 CANVAS-COVERED HOLD AREAS, 8 TRACKED PRIME MOVERS, 6 CARGO TRUCKS, ONE UTILITY TRUCK, ONE VAN TRUCK, 5 OTHER VEHICLES, 3 VAN TRAILERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. NO APPARENT CHANGE IN FACILITIES.

- 25X1D



25X1A

- NUEVITAS SAM SITE 2 2132N 07717W



SITE CONTAINS 6 UNRETTED LAUNCHERS (ONE CANVAS-COVERED), 2 UNIDENTIFIED VEHICLES OR PIECES OF

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EQUIPMENT ADJACENT TO LAUNCHERS AND AN OCCUPIED GUIDANCE AREA.  
SUPPORT AREA CONTAINS 6 MISSILE TRANSPORTERS (4 CANVAS-COVERED), ONE ADDITIONAL LAUNCHER, 8 TRACKED PRIME MOVERS, ONE TRUCK-MOUNTED CRANE, AND 4 CARGO TRUCKS.  
FACILITIES INCLUDE 4 BARRACKS, 4 SMALLER SUPPORT BUILDINGS, 7 LARGE NON-SOVIET TENTS, AND ONE MEDIUM NON-SOVIET TENT.  
(SEE ATTACHMENT 1).

25X1D

PRESTON SAM SITE 2044N 07538W

SIX REVETTED LAUNCHERS, AT LEAST 6 MISSILE TRANSPORTERS, APPROXIMATELY 20 VEHICLES, AND AN OCCUPIED GUIDANCE AREA OBSERVED.

25X1A

25X1D

SANTIAGO DE CUBA CRUISE-MISSILE STORAGE 2004N 07551W

TWENTY-SIX CRUISE-MISSILE CRATES AND ONE CARGO TRUCK OBSERVED.

25X1A

25X1D

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

AIRCRAFT -- 13 FAGOT/FRESCO, ONE CRATE, 6 HOUND, AND ONE PROBABLE HARE.

25X1A

25X1D

CAMAGUEY INTERNATIONAL AIRFIELD 2125N 07751W

AIRCRAFT -- 2 CRATE, ONE C-47, AND 4 LIAISON.

25X1A

25X1D

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25X1A

HOLGUIN AIRFIELD 2047N 07618W

AIRCRAFT -- 6 FAGOT (ONE WITHOUT TAIL SECTION),  
AND 10 HOUND (2 WITHOUT ROTORS).

25X1D

25X1A

LOS CANOS AIRFIELD 2005N 07509W

NO AIRCRAFT OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

ANTONIO MACEO AIRFIELD 1958N 07550W

AIRCRAFT -- ONE COOT, ONE C-47, 8 LIAISON, ONE HOUND,  
ONE HARE, AND ONE POSSIBLE HARE.

25X1D

25X1A

BAYAMO AIRFIELD EAST 2022N 07637W

AIRCRAFT -- ONE LIAISON.  
OBLIQUITY LIMITS FURTHER INTERPRETATION.

25X1D

25X1A

TRINIDAD AIRFIELD 2147N 07959W

NO AIRCRAFT OBSERVED.

25X1D

NAVAL ACTIVITY/PORTS

25X1A

BANES NAVAL BASE 2055N 07542W

NO LARGE VESSELS OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.

25X1D

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25X1A

PUNTA ALEGRE PORT 2223N 07847W

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CIENFUEGOS PORT 2208N 08027W

VESSELS --- ONE LARGE TANKER.  
SCATTERED CLOUDS AND OBLIQUITY PRECLUDE FURTHER  
INTERPRETATION.

25X1D

25X1A

MANZANILLO PORT 2021N 07707W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

SANTIAGO DE CUBA PORT 2001N 07550W

VESSELS -- 8 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE  
AREAS.

25X1D

25X1A

NUEVITAS PORT 2132N 07716W

VESSELS -- 2 LARGE FREIGHTERS (ONE ENTERING HARBOR).

25X1D

25X1A

LA ISABELA PORT 2256N 08001W

VESSELS -- 2 YP AND ONE LARGE FREIGHTER.

25X1D

25X1A

CAIBARIEN PORT 2232N 07928W

VESSELS -- ONE LARGE FREIGHTER ANCHORED NE OF PORT

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AND NW OF CAYO FRANCES.

25X1D

25X1A

CASILDA PORT 2145N 07959W

NO LARGE VESSELS OBSERVED.

25X1D

25X1A

PUERTO PADRE PORT 2113N 07632W

VESSELS -- ONE LARGE FREIGHTER AT CAYO JUAN CLARO.

25X1D

MILITARY ACTIVITY

25X1A

GUANTANAMO AREA 1 2005N 07523W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

25X1A

MANZANILLO MILITARY CAMP 2017N 07706W

NO APPARENT CHANGE IN FACILITIES.  
TWELVE SP GUNS, 10 TANKS, 13 CARGO TRUCKS, ONE ROAD  
GRADER, 10 CARGO TRAILERS (ONE CANVAS-COVERED), AND  
12 AAA PIECES (POSSIBLY ZPU-4).  
(SEE ATTACHMENT 2).

25X1D

25X1A

HOLGUIN MILITARY CAMP 2053N 07614W

25X1D

THE 21 TANKS/SP GUNS AND NUMEROUS OTHER VEHICLES  
PREVIOUSLY REPORTED ON

25X1D

ARE NOT OBSERVED IN THE CAMP  
OR THE SURROUNDING AREA.  
MAIN CAMP -- NO APPARENT CHANGE IN PERMANENT  
FACILITIES. THIRTY-TWO LARGE TENTS (8 NON-SOVIET),  
22 MEDIUM TENTS (7 NON-SOVIET), 13 SMALL TENTS, ONE

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LARGE RIGID-FRAME TENT, ONE UNIDENTIFIED TRACKED VEHICLE, 15 CARGO TRUCKS, 4 VAN TRUCKS, 2 UTILITY TRUCKS, ONE CARGO TRAILER, 8 UNIDENTIFIED VEHICLES, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT. THE 6-GUN AAA SITE IS OCCUPIED AND THE 9-GUN AAA SITE IS UNOCCUPIED.

CAMP .6 NM SE -- NO APPARENT CHANGE IN PERMANENT FACILITIES. FIFTEEN LARGE TENTS (10 NON-SOVIET), 6 MEDIUM TENTS, 2 SMALL TENTS, 8 CARGO TRUCKS, 2 UTILITY TRUCKS, 8 FA PIECES, AND 3 AAA PIECES. CAMP 2.2 NM SE -- NO APPARENT CHANGE IN FACILITIES. TWENTY CARGO TRUCKS, 2 UTILITY TRUCKS, AND 18 FA PIECES OBSERVED. (SEE ATTACHMENT 3).

25X1D



25X1A

OFELIA MILITARY CAMP 2006N 07530W



NO APPARENT CHANGE IN FACILITIES. FOURTEEN TANKS/SP GUNS (ONE ON TANK DRIVING RANGE), 4 PROBABLE TANKS/SP GUNS, AT LEAST 70 CARGO TRUCKS, 5 UTILITY TRUCKS, 4 PROBABLE VAN TRUCKS, ONE PROBABLE BULLDOZER, APPROXIMATELY 8 UNIDENTIFIED VEHICLES OR PIECES OF EQUIPMENT, 32 FA PIECES (18 PROBABLY 76 MM), AND 14 AAA PIECES. THE 3-GUN AAA SITE IS OCCUPIED.

25X1D



25X1A

REMEDIOS MILITARY CAMP 2226N 07934W



MAIN CAMP -- NO APPARENT CHANGE IN FACILITIES. FORTY-NINE CARGO TRUCKS, 8 UTILITY TRUCKS, 2 CANVAS-COVERED BRDM APC, 11 UNIDENTIFIED VEHICLES, AND 15 FA PIECES. THE 6-GUN AAA SITE IS OCCUPIED AND THE 3-GUN SITE REMAINS UNOCCUPIED. CAMP .8 NM NW -- 21 PROBABLE CARGO TRUCKS AND 5 OTHER VEHICLES.

25X1D



25X1A

ALTO CEDRO, MILITARY CAMP 2029N 07600W



AREA 1 -- 21 VEHICLES.  
AREA 2 -- 7 VEHICLES.

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AREA 3 -- 21 VEHICLES AND AT LEAST 7 FA PIECES.  
AREA 4 -- 21 CARGO TRUCKS AND 18 FA PIECES.  
AREA 5 -- AT LEAST 18 VEHICLES.  
AREA 6 -- 17 CARGO TRUCKS AND 12 PROBABLE FA PIECES.  
AREA 7 -- 14 PROBABLE CARGO TRUCKS.  
AREA 8 -- AT LEAST 40 VEHICLES AND 8 FA PIECES.  
AREA 9 -- 19 TANKS/SP GUNS, 5 CARGO TRUCKS, AND 10  
OTHER VEHICLES.  
AREA 10 -- 7 VEHICLES.

25X1D

SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY-TWO TANKS/SP GUNS AND 3 AAA PIECES OBSERVED.

25X1A

25X1D

EL CRISTO, MILITARY INSTALLATION 2007N 07546W

MAIN CAMP -- 2 CARGO TRUCKS OBSERVED.  
CAMP 1.6 NM NW -- 17 UNIDENTIFIED VEHICLES OBSERVED  
IN CLOUD-FREE AREAS.

25X1A

25X1D

MATAGUA MILITARY CAMP 2215N 08002W

NO APPARENT CHANGE IN FACILITIES.  
FIVE CARGO TRUCKS AND 2 POSSIBLE AAA PIECES OBSERVED.

25X1A

25X1D

MACAGUA, MILITARY CAMP 2050N 07610W

NO APPARENT CHANGE IN FACILITIES.  
SEVENTEEN PROBABLE CARGO TRUCKS AND 18 POSSIBLE FA  
PIECES OBSERVED.

25X1A

25X1D

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25X1A

HOLGUIN MILITARY CAMP NW 2057N 07616W

NO APPARENT CHANGE IN FACILITIES.  
TWENTY-ONE TANKS/SP GUNS, 3 CARGO TRUCKS, ONE UTILITY  
TRUCK, AND 6 AAA PIECES OBSERVED.

25X1D

25X1A

TRINIDAD AREA, POSS MIL HEADQUARTERS 2150N 07953W

NO APPARENT CHANGE IN FACILITIES.  
EIGHT CARGO TRUCKS AND 10 FA PIECES OBSERVED.

25X1D

25X1A

ALTAGRACIA, MILITARY AREA 2124N 07742W

NO APPARENT CHANGE IN FACILITIES.  
FOURTEEN TANKS/SP GUNS OBSERVED.

25X1D

25X1A

MINAS, MILITARY CAMP 2127N 07734W

NO APPARENT CHANGE IN FACILITIES.  
SIXTEEN TANKS/SP GUNS, 4 CARGO TRUCKS, 14 UNIDENTIFIED  
VEHICLES, AND 7 PROBABLE FA PIECES OBSERVED.

25X1D

25X1A

SANTA CLARA AREA, ARTILLERY TRAINING AREA 2224N 08000W

AREA 1 -- 9 BRDM APC, 5 CARGO TRUCKS, 3 CARGO  
TRAILERS, 2 UNIDENTIFIED VEHICLES AND 6 FA PIECES.  
AREA 2 -- NO ACTIVITY OR EQUIPMENT OBSERVED.  
AREA 3 -- 2 PROBABLE UTILITY TRUCKS.  
AREA 4 -- 16 CARGO TRUCKS.  
AREA 5 -- 22 TANKS/SP GUNS, 12 CARGO TRUCKS, 2 VAN  
TRUCKS AND TWO 3-GUN AAA SITES (ONE POSSIBLY  
OCCUPIED).

25X1D

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25X1A

SANTA ISABEL FINCA MILITARY CAMP 2005N 07528W

NO APPARENT CHANGE IN FACILITIES.  
MAIN CAMP -- 31 PROBABLE CARGO TRUCKS, 15 PROBABLE  
MORTARS, AND 4 PROBABLE FA PIECES.  
CAMP ONE NM NORTH -- 5 CARGO TRUCKS AND 10 PROBABLE  
FA PIECES.

25X1D

25X1A

LA VEGUITA MILITARY CAMP 2049N 07615W

NO APPARENT CHANGE IN FACILITIES.  
TWELVE CARGO TRUCKS AND 12 FA PIECES OBSERVED.

25X1D

OTHER ACTIVITY

25X1A

MAYARI ARriba CRUISE MISSILE ACTIVITY 2027N 07531W

NO APPARENT CHANGE IN FACILITIES.  
ELEVEN CRUISE-MISSILE-RELATED VEHICLES, ONE TRACKED  
PRIME MOVER, 2 TRACTOR-TRAILER TRUCKS, AT LEAST 57  
OTHER VEHICLES, AND AT LEAST 20 CRUISE-MISSILE  
CRATES OBSERVED.

25X1D

25X1A

SANTA CLARA MILITARY INSTALLATION CUBANACAN 2224N 07953W

CUBANACAN -- 4 SA-2 LAUNCHERS, 7 POSSIBLE TRACKED  
PRIME MOVERS, AT LEAST 16 CARGO TRUCKS, 12  
UNIDENTIFIED VEHICLES AND 4 POSSIBLE VAN TRAILERS.  
STORAGE AREA NORTH -- 8 CARGO TRUCKS.  
ESCUELA TECNOLOGICA -- 28 PROBABLE CARGO TRUCKS.

25X1D

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE  
SINCE LAST COVERAGE--

25X1A

SAGUA LA GRANDE MRBM SITE 1	2244N 08002W
SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
REMEDIOS IRBM SITE	2225N 07935W
PRESTON AIRFIELD	2044N 07539W
BARACOA PORT	2021N 07430W
MOA PORT	2039N 07454W
JUCARO PORT	2137N 07851W

25X1B

SANTIAGO DE CUBA, MILITARY TRAINING AREA	2002N 07550W
CHARCO DEL JOBO MILITARY AREA	2047N 07615W
CAMAGUEY MILITARY INSTALLATION SW	2117N 07801W
SIBONEY LANDING BEACH	1957N 07542W
PLAYA YATERITAS LANDING BEACH	1958N 07457W
NICARO LANDING BEACH	2042N 07533W
CAYO FRANCES ENGINEERING SITE	2238N 07914W
CAYO FRAGOSO ENGINEERING SITE	2240N 07925W
LA ROSITA STORAGE DEPOT BARAJAGUA	2208N 08004W

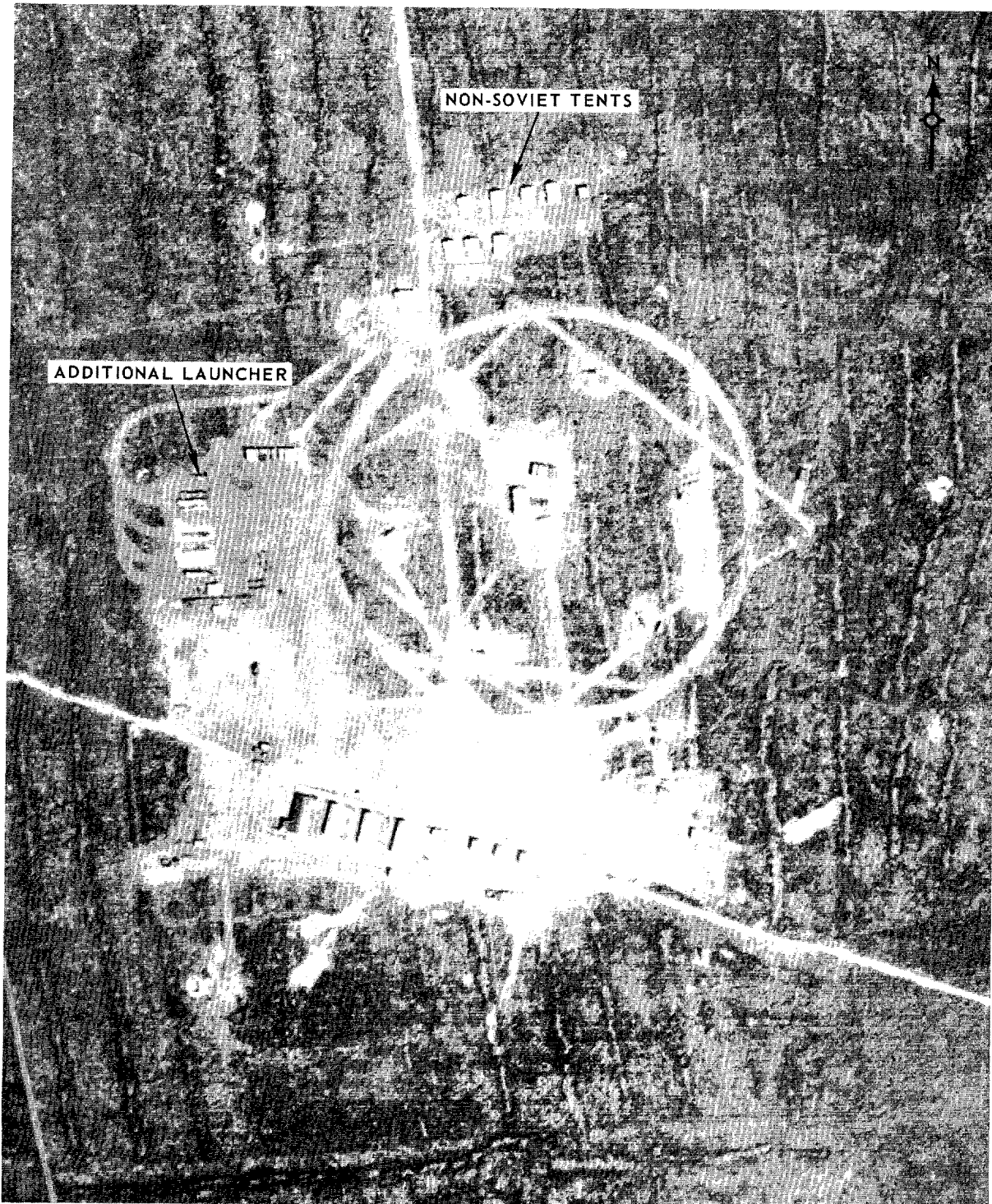
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THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT  
NOT INTERPRETED--

25X1A

LOS ANGELES SAM SITE	2100N 07541W
DELEITE SAM SITE	2259N 08045W
CIFUENTES SAM ASSEMBLY AREA	2236N 08005W
VICTORIA DE LAS TUNAS SAM ASSEMBLY AREA	2104N 07700W
CAMAGUEY AIRFIELD SAM SITE	2122N 07750W
BANES CRUISE-MISSILE SITE	2058N 07538W
CAMAGUEY MILITARY CAMP COUNTRY CLUB	2121N 07751W
CAMAGUEY MILITARY CAMP	2126N 07753W
SAN ANTONIO MILITARY CAMP	2054N 07550W
TACAJO MILITARY CAMP	2051N 07558W
DOS CAMINOS MILITARY INSTALLATION	2014N 07547W
TUMBADERO TANK TRAINING AREA	2104N 07558W
MAR VERDE LANDING BEACH	1957N 07557W

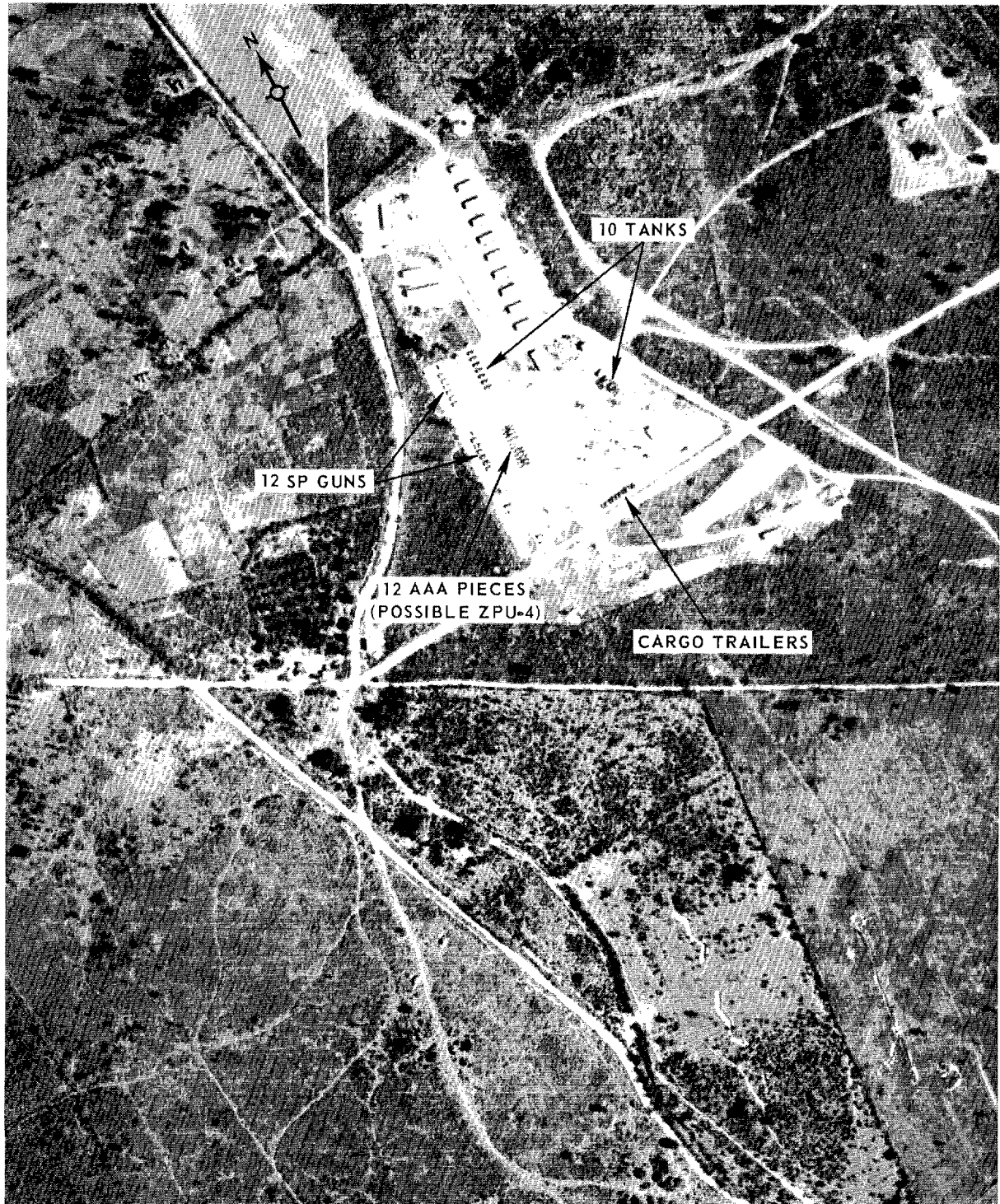
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NUEVITAS SAM SITE 2

NPIC H-7679 (2/64)





MANZANILLO MILITARY CAMP

NPIC H-7680 (2/64)



NPIC H-7681 (2/64)

HOLGUIN MILITARY CAMP

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